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and N.A.Malafryev.

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Vol CIX, No 4, 1956, pp 828-831.

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Malyusov, V. A., Umnik, N. N., and Zhavoronkov, N. M.
MASS TRANSFER IN PROCESSES OF FILM RECTIFICATION - TURBULENT VAPOR FLOW (Massoobmen v Protsesse Plenochnoi Rektificatsii - Turbulentayi Potok Para). [1961] 3p. 8 refs. (DSIR LLU] M.2748.
Order from OTS or SLA $1.10 61-23320

Unedited trans. of Akad[emiya] Nauk SSSR. Doklad[y] 1955, v. 105, no. 5, p. 1057ff.

DESCRIPTORS: Vapors, Turbulent flow, Separation, *Mass transfer.

The equation $h_{og} = 11.1d^{0.64}Re_g^{0.23}Pr_g^{0.67}$ is recommended for calculating the rectification process in the range of Reynolds numbers Reg = 100 to 15,000.
(See also 59-18628, 61-23315)
(Chemistry--Physical, TT, v. 7, no. 7)

61-23320

I. Malyusov, V. A.
II. Umnik, N. N.
III. Zhavoronkov, N. M.
IV. DSIR LLU M.2748

197247

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Order from ICE in v. 3, no. 2, $15.00/year

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DESCRIPTORS: *Purification, *Distillation, *Water, Effectiveness, Packing materials, Design, Hydrodynamics, Mass transfer, Resistance, Pressure, Velocity, Temperature, Chemical engineering.

(Engineering--Chemical, TT, v. 10, no. 3)

63-17500

I. Title: Rectification
I. Malyusov, V. A.
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III. International Chemical Engineering, New York

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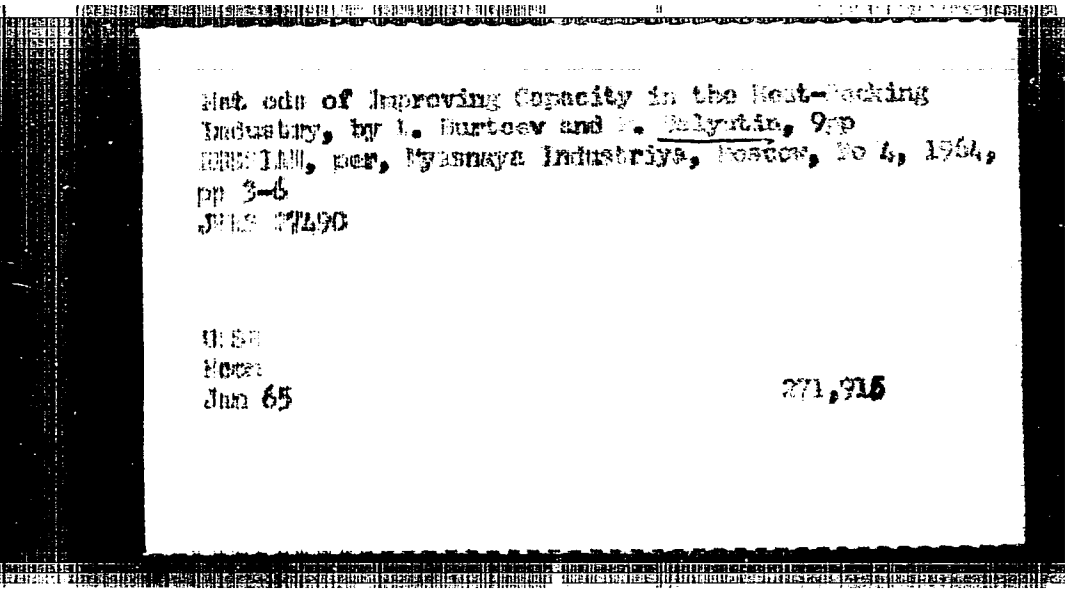

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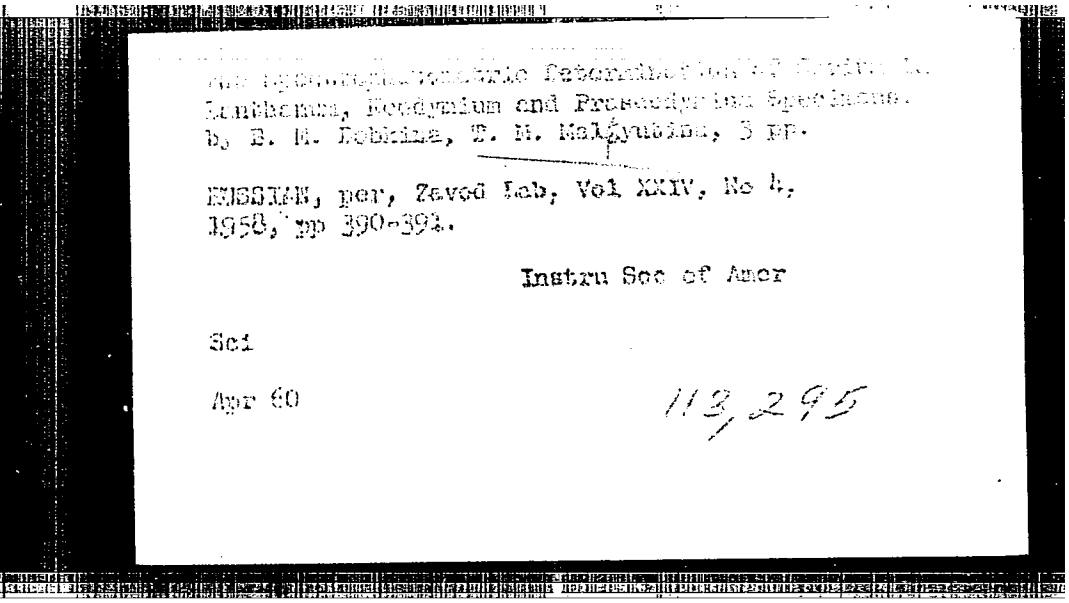

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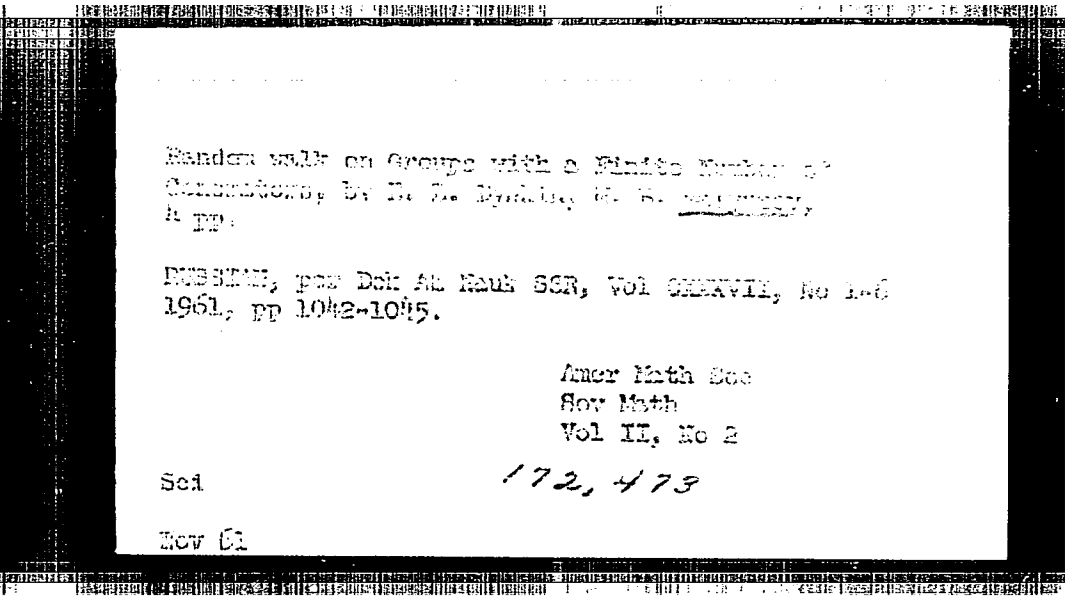

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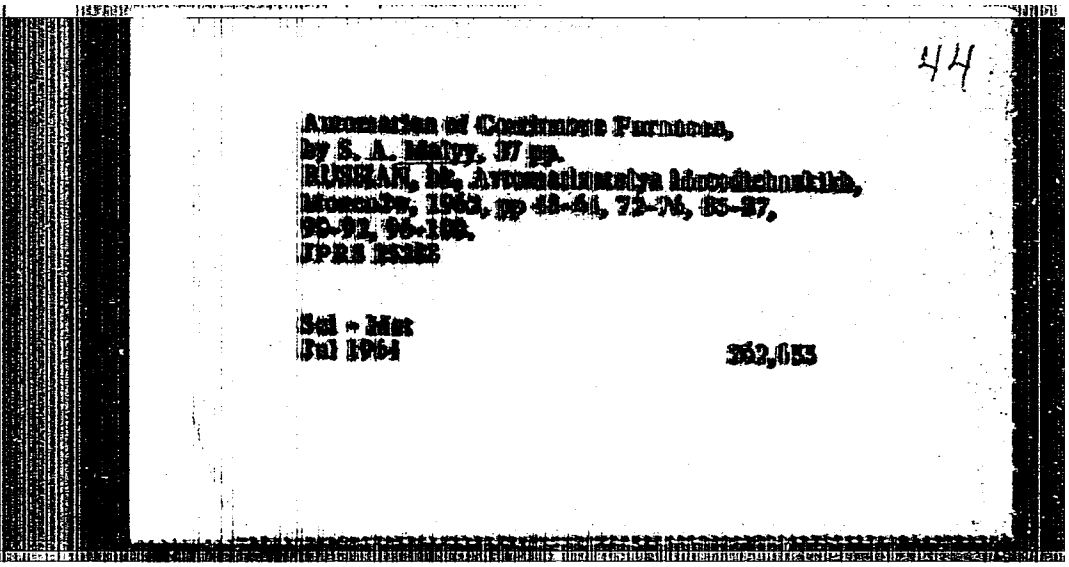

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Malz, Hugo and Rosahl, Dietrich.
POLYMERIZATION OF CHLOROPRENE. [Nov 58] [9]p.
Order from LC or SLA mi$1.80, ph$1.80 60-18997

Trans. of Belgian patent 564218, by Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany (International convention; appl. of German Federal Rep. no. F 22 222, IVb/39c, filed 25 Jan 57).

The chloroprene is polymerized in the presence of 0.005 to 2% (based on the chloroprene) of a polymerization catalyst chosen from the group consisting of nitrogen sulfides, heptathio-imide and their derivatives. The chloroprene is polymerized in aqueous dispersion at a pH of 7 to 12 and a temperature of about 40 to 110°C, until about 60 to 90% of the chloroprene has been polymerized, after which the polymerized chloroprene is isolated.

(Chemistry--Organic, TT, v. 5, no. 2)

60-18997

1. Chloroprenes--Polymerization
I. Malz, H.
II. Rosahl, D.
III. Patent (Belgium) 564 218

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Nat Res Council C-2197

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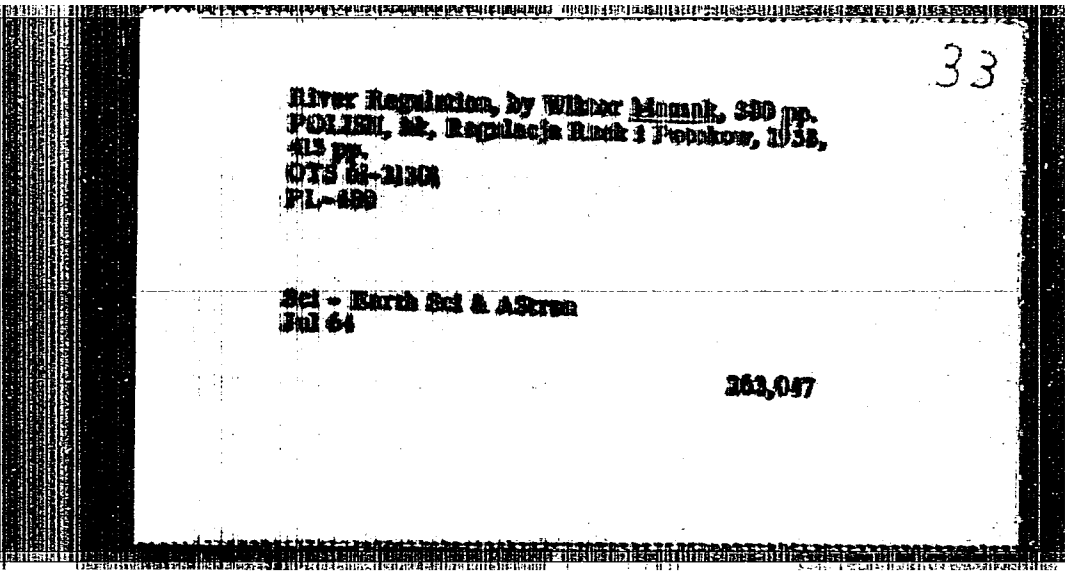

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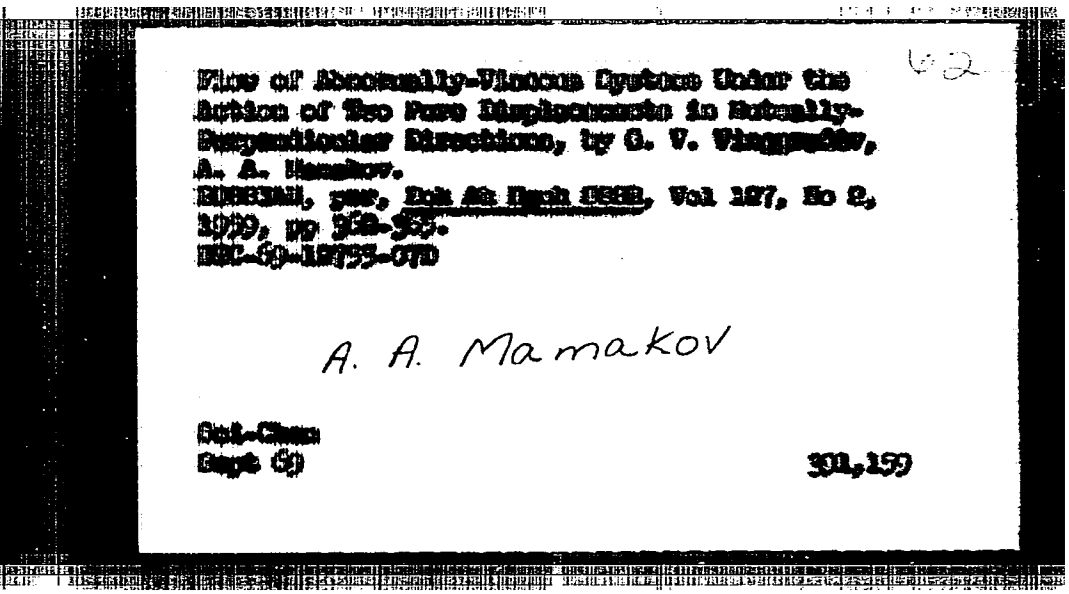

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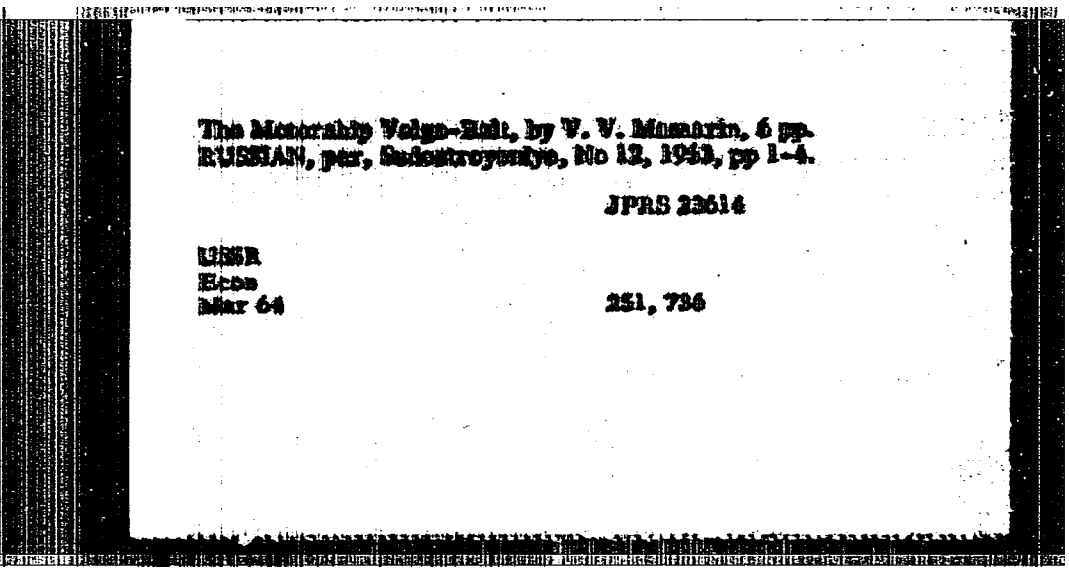

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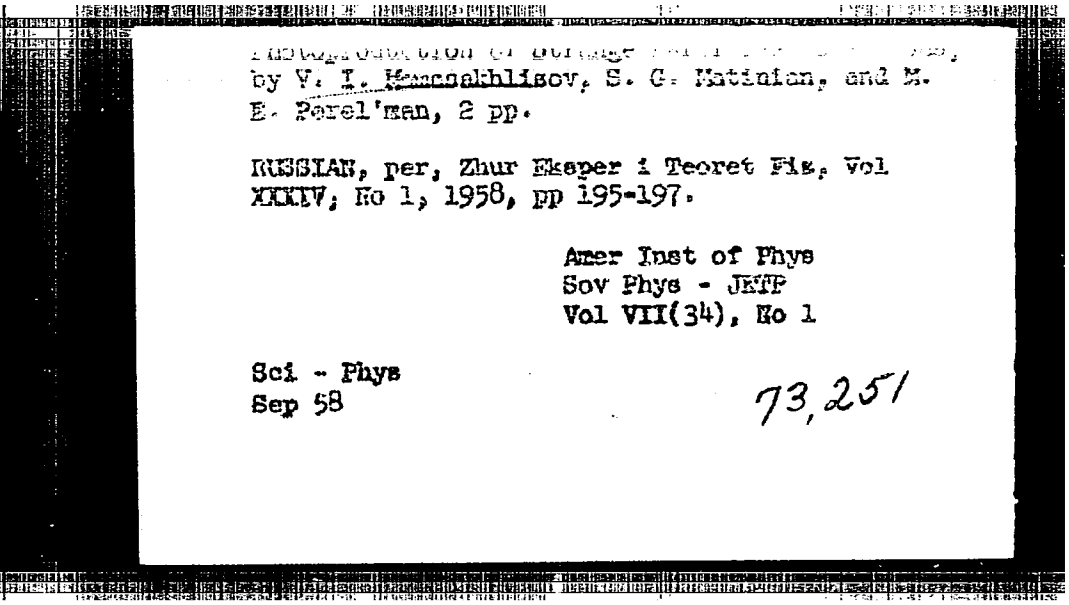

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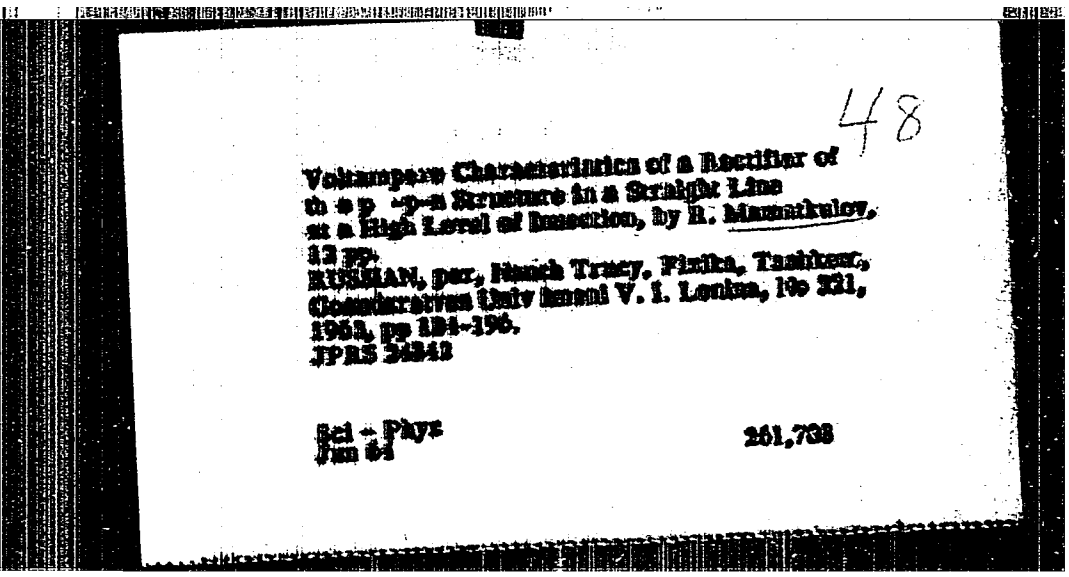

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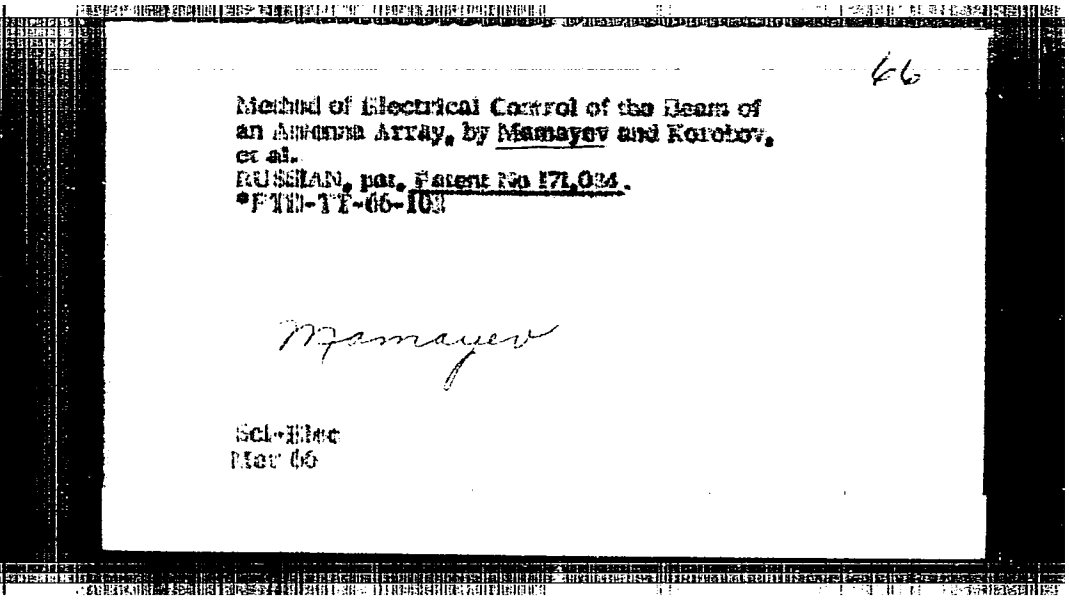

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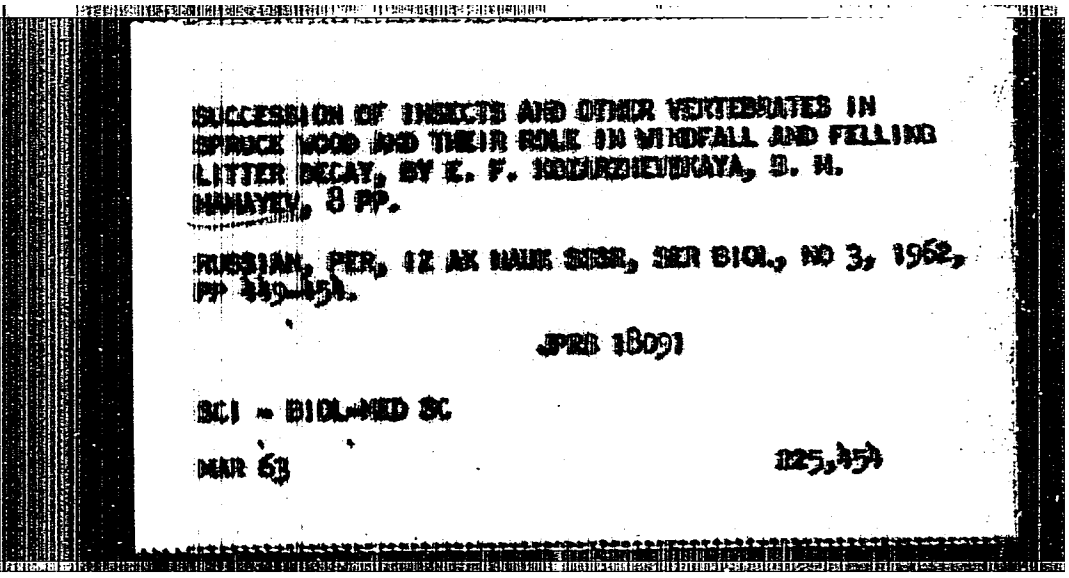

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